

Highway Safety Projects - Before and After Study Update, Adding 2004 Data

Collision Data Comparision

Project Title and Location	Description of Work	Available Data (in Months)		Collisions Per Year		
				All Types	Property Damage Only	Injury / Fatal
US 2 SULTAN-STARTUP ROAD	Widened SR 2 to provide an EB left turn lane and a WB left turn pocket.	18	Before	0.7	0.0	0.7
STARTUP VIC		38	After	0.3	0.0	0.3
SR 99 BATTERY STREET TUNNEL - SAFETY	Constructed roadway surface improvements - pavement grinding	26	Before	77.5	48.0	29.5
SEATTLE		37	After	43.8	28.5	15.2
SR 522 NE 145TH ST VIC. TO NE 155TH ST	Constructed a raised median island in place of the existing two way left turn lane. Improved visibility.	18	Before	63.3	38.0	25.3
SHORELINE		40	After	33.6	19.2	14.4
US 2 APPLETS WAY TO VIC RED APPLE ROAD	Installed median barrier to reduce crossover collisions	23	Before	2.1	0.5	1.6
CAHSMERE		36	After	0.0	0.0	0.0
SR 17/26 OTHELLO - GRADE SEPARATION	New interchange and illumination	21	Before	7.4	2.9	4.6
OTHELLO		36	After	2.0	1.0	1.0
SR 24 HATTON ROAD LTL	Widened and provide left turn channelization and improve turning radius.	20	Before	1.2	0.6	0.6
OTHELLO		37	After	0.6	0.6	0.0
SR 26	Constructed left turn lanes.	23	Before	1.6	0.5	1.0
ROYAL CITY VIC		36	After	0.7	0.7	0.0
SR 28/282 EPHRATA - SIGNAL	Widened roadway, constructed left turn lanes and installed signal.	23	Before	5.7	5.7	0.0
EPHRATA		37	After	2.9	2.3	0.6
US 97 ORONDO NORTH	Realignement and construction of left turn lane.	25	Before	0.5	0.0	0.5
ORONDO VIC		36	After	0.0	0.0	0.0
SR 97 ALT LAKESIDE VICINITY	Constructed two-way left turn lane.	21	Before	5.1	4.0	1.1
CHELAN		40	After	0.9	0.9	0.0
SR 150 CHELAN WEST - TURN LANES	Widened and constructed left turn channelization.	22	Before	1.1	0.5	0.5
MANSON		41	After	0.6	0.6	0.0
SR 105/SR 105 SPUR	Constructed channelization for right and left turns. Upgraded illumination.	29	Before	3.3	1.2	2.1
WESTPORT		36	After	2.3	2.0	0.3
SR 162 BOWMAN HILTON RD E. TO VIC 149TH	Upgraded signal and illumination, realignments, installed signal, guardrail and flattened slopes.	19	Before	49.9	21.5	28.4
ALDERTON		42	After	40.3	20.6	19.7
I-5/SR6 SB. RAMP - SIGNAL	Signal and illumination installation.	25	Before	2.9	1.4	1.4
CHEHALIS		39	After	0.9	0.9	0.0
I-5 CHAMBER WAY - SIGNAL	Installed signal at NB off-ramp, realignments, resurfacing and illumination.	25	Before	3.8	2.9	1.0
CHEHALIS		39	After	1.8	1.5	0.3
US 101 FOWLER STREET- SIGNAL	Installed signal, reconfigured with curbs and raised islands.	25	Before	2.4	1.9	0.5
RAYMOND		39	After	3.1	2.5	0.6
SR 24 BIRCHFIELD ROAD INTERSECTION	Installed signalization, upgraded illumination, signing and pavement markings.	24	Before	5.5	2.0	3.5
YAKIMA VIC		36	After	2.3	1.7	0.7

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I-90 WEST E'BURG I/C TO SOUTH E'BURG I/C	Lengthen acceleration lane and tapers.	25	Before	14.9	11.5	3.4
ELLENSBURG VIC	Updated liumination and guardrail.					
	Roadway rehab and overlay.	36	After	10.7	8.3	2.3
I-90 GOLD CREEK TO EASTON HILL	Installed glare screen along median	26	Before	19.4	15.2	4.2
SNOQUALMIE PASS VIC	barrier.	38	After	10.4	6.3	4.1
SR 241 ALEXANDER ROAD TO FACTORY RD	Constructed two-way left turn lane.	25	Before	12.0	3.4	8.6
SUNNYSIDE VIC	Channelization, upgraded signals, widened shoulders, added 4-way stop.	45	After	11.7	8.0	3.7
I-90 RITZVILLE TO TOKIO-SAFETY MATRIX	Flattened slopes, installed rumble strips, illumination upgrades, and ACP overlay.	28	Before	39.0	19.3	19.7
RITZVILLE VIC		36	After	23.7	13.3	10.3
SR 99 PORTER WAY TO KING COUNTY LINE	Installed Two Way Left Turn Lane	29	Before	14.5	6.6	7.9
MILTON VIC		30	After	11.2	5.2	6.0
SR 20 BEST ROAD AND SR 536 VICINITY	Installed Signal at Best Road, Slope flattening and installed gaurdail	34	Before	8.8	3.2	5.6
SKAGIT COUNTY		24	After	17.5	9.0	8.5
SR 290 E SPOKANE TO PROGRESS ROAD VIC	Constructed two-way left turn lane.	27	Before	114.7	56.0	58.7
SPOKANE VALLEY		25	After	77.3	45.1	32.2
SR 516 128TH ST SE TO WAX ROAD VICINITY	Installed C-curb at left turn pockets and consolidate access points	27	Before	25.3	17.3	8.0
KENT AND COVINGTON VIC		34	After	13.8	9.9	3.9
SR 500 NE 124TH AVENUE VICINITY	Channelization for access manage-ment	38	Before	22.4	12.3	10.1
VANCOUVER		28	After	4.3	1.7	2.6
SR 101 OCEAN STREET - SIGNAL	Installed signal.	35	Before	0.7	0.3	0.3
RAYMOND		37	After	0.3	0.3	0.0
SR 307 GUNDERSON, STOTTLEMEYER ¹	Widened and provided channelization.	29	Before	5.0	1.7	3.3
POULSBO VICINITY	Installed illumination.	29	After	12.8	8.3	4.6
SR 243 WANAPUM AREA VACINITY	Provided channelization, illumination at Wanapun Village Road. Same for Lower Crab Creek Rd., plus revised intersection angle	40	Before	1.5	1.2	0.3
GRANT COUNTY		26	After	0.0	0.0	0.0
SR 516 JCT 192ND AVE SE	installed signal. Extended SR 516 and 192nd Ave SE turn lanes. Added lane for transit stop and bikes.	29	Before	2.1	0.8	1.2
COVINGTON VICINITY		25	After	2.9	0.5	2.4
US 2 - TURTLE ROCK ROAD	Constructed left turn lane. Installed illumination.	36	Before	0.0	0.0	0.0
DOUGLAS COUNTY		30	After	0.0	0.0	0.0
SR 28 36TH STREET NW TO 31ST STREET NW	Constructed Two Way Left Turn Lane.	39	Before	4.9	1.5	3.4
EAST WENATCHEE VICINITY		24	After	2.5	0.5	2.0

¹Recent improvement of this intersection, the addition of a new signal, is not reflected in the data presented. The overall impact and benefits will be reported when more data is available.